



2024 Ontario Building Code Data Matrix
Part 2 - Farm Buildings (600m² or more in building area, 4+ Storeys in building height, or a G4 occupancy)

Building Code Reference

1	PROJECT DESCRIPTION:											
2	APPLICABLE CODE	OBC 2024, PART 2 NATIONAL FARM BUILDING CODE OF CANADA										
3	PROJECT TYPE:	NEW CONSTRUCTION	ADDITION	RENOVATION	CHANGE OF USE	ADDITION & RENOVATION					[A] 1.1.1.1.	
4	SPECIAL CONDITIONS:	INCLUDES HOUSING OF LIVESTOCK STRUCTURAL DESIGN TO SB-11				INCLUDING ATMOSPHERIC HAZARDS INCLUDING ENVIRONMENTAL HAZARDS					2.1.2.3.(5) 2.1.2.3.(6), 2.4.2.3.	
5	MAJOR OCCUPANCY CLASSIFICATION:	OCCUPANCY 1: USE: OCCUPANCY 2: USE: OCCUPANCY 3: USE:			ALL MAJOR OCCUPANCIES ARE GROUP G CONTAINS OTHER MAJOR OCCUPANCIES AGGREGATE AREA OF ALL OTHER MAJOR OCCUPANCIES BY GROUP OR DIVISION IS LESS THAN 10% OF THE FLOOR AREA THAT IT IS ON					2.1.2.2., 2.1.4., T3.1.2.1., 3.1.2. A-1.4.1.2.(1) 2.2.1.1.(2), 2.2.1.3.		
6	BUILDING AREA (m ²):	OCCUPANCY 1 (SEE 5)		OCCUPANCY 2 (SEE 5)		OCCUPANCY 3 (SEE 5)		TOTAL			2.1.2.1. [A] 1.4.1.2.	
		EXISTING		EXISTING		EXISTING		EXISTING				
		NEW		NEW		NEW		NEW				
		TOTAL		TOTAL		TOTAL		TOTAL				
7	GROSS AREA (m ²):	OCCUPANCY 1 (SEE 5)		OCCUPANCY 2 (SEE 5)		OCCUPANCY 3 (SEE 5)		TOTAL			[A] 1.4.1.2.	
		MAIN FLOOR		MAIN FLOOR		MAIN FLOOR		MAIN FLOOR				
		2nd FLOOR		2nd FLOOR		2nd FLOOR		2nd FLOOR				
		TOTAL		TOTAL		TOTAL		TOTAL				
8	MEZZANINE AREA (m ²):	EXISTING:	NEW:	TOTAL:							2.2.2.2., 3.2.1.1.	
9	BUILDING HEIGHT:	HIGH BUILDING: YES	NO	STOREYS BELOW GRADE (#): STOREYS ABOVE GRADE (#): HEIGHT ABOVE GRADE (m):							[A] 1.4.1.2. & 2.1.2.1., 2.2.2.2.	
10	FIREFIGHTER ACCESS	ACCESS PROVISIONS VERIFIED WITH THE MUNICIPALITY									2.2.4.1.	
11	BLDG. CLASSIFICATION:	(SIZE & CONSTRUCTION RELATIVE TO OCCUPANCY)				2.2.2.	GROUP/DIV.					
12	SPRINKLER SYSTEM:	NOT REQUIRED		REQUIRED - SPRINKLER TYPE PROPOSED:							2.2.4.2. 2.2.3.6.	
		PROVIDED: ENTIRE BUILDING	BASEMENT	SELECTED COMPARTMENTS	NONE					SELECTED FLOOR AREAS		
13	FIRE ALARM SYSTEM	REQUIRED		NOT REQUIRED							2.2.3.1. 2.2.3.2.	
		TYPE PROVIDED:	SINGLE STAGE	TWO STAGE	NONE							
14	CONSTRUCTION TYPE:	RESTRICTION: COMBUSTIBLE PERMITTED		NON COMBUSTIBLE REQUIRED								
		ACTUAL: COMBUSTIBLE	NON-COMBUSTIBLE	COMBINATION OF COMBUSTIBLE & NON-COMBUSTIBLE								
15	IMPORTANCE CATEGORY:	LOW			LIQUID MANURE STORAGE TANKS						2.3.1.1. 4.1.2.1.(3) & T4.1.2.1.	
		NORMAL			MINOR STORAGE BUILDING							
		LOW HUMAN OCCUPANCY			EXPLOSIVE OR HAZARDOUS SUBSTANCES							
16	SEISMIC CATEGORY:	SEISMIC CATEGORY (TABLE 4.1.8.5.(B)):		LOW (SC1)	NORMAL - LIQUID MANURE STORAGE (SC2)					4.1.8.4.(1) T-4.1.8.5.-B 4.1.8.18.		
		SITE CLASS (TABLE 4.1.8.4.(B)): AS PER GEOTECH REPORT (NOT REQ'D FOR SC1)										
		SEISMIC DESIGN FOR TABLE 4.1.8.18. ITEMS 6 TO 22				REQUIRED	NOT REQUIRED					
17	OCCUPANT LOAD:	FLOOR LEVEL/AREA:			OCCUPANT LOAD (PERSONS):						2.1.2.2., 2.2.1.17.	
					BASED ON: DESIGN	FLOOR AREA CALCULATION						
		OCCUPANCY TYPE:			POSTED LIMIT REQUIRED: NO YES							
18	HAZARDOUS SUBSTANCES OR DANGEROUS GOODS:	NO	YES (EXPLAIN)									2.2.8.
19	REQUIRED FIRE RESISTANCE RATINGS	HORIZ. ASSEMBLY	RATING (H)	SUPPORTING ASSEMBLY (H)	NONCOMBUSTIBLE IN LIEU OF RATING?							
		FLOORS OVER BSMT			NO	YES	N/A					
		FLOORS			NO	YES	N/A					
		MEZZANINE			NO	YES	N/A					
		ROOF			NO	YES	N/A					
20	EMERG. LIGHTING	NOT REQUIRED	REQUIRED - PROVIDED BY (2.2.5.1.(3)):				BATTERY	AUTOMATIC GENERATOR				2.2.5.1.
21	EXIT SIGNAGE	NOT REQUIRED	REQUIRED									2.2.7.10.
22	FIRE EXTINGUISHERS	NOT REQUIRED	PROVIDE PORTABLE FIRE EXTINGUISHERS AS PER PART 6 OF THE FIRE CODE - SEE PLAN									2.2.4.3.
23	FLAME SPREAD RATING:	INTERIOR WALL AND CEILING FINISHES:									2.2.1.12. (1) 2.2.1.12. (2)	
		<150 - PROPOSED LINER TYPE / RATING:										
		INTERIOR WALL AND CEILING FINISHES WITHIN EXITS: <25 - PROPOSED LINER TYPE / RATING:										
24	EXIT DOOR SWING	OUTSWING	INSWING (LIVESTOCK - G2 ONLY - 2.2.7.7.(2))								2.2.6.2. 2.2.7.7.	
		COMBINATION INSWING & OUTSWING AS PER PLAN										
25	EGRESS DOOR SILL	DOES NOT EXCEED 13mm (1/2")			BETWEEN 13mm & 100mm (4") AS PER 2.2.6.7.(2) - NOTED ON PLAN							2.2.6.7.
26	EXHAUST VENTING	NOT REQUIRED	BELOW FLOOR PIT VENTILATION REQUIRED				VENTILATION REQUIRED PER PLAN				2.2.8.2.	
27	BUILDING SPATIAL SEPARATION TO PROPERTY LINES AND NON FARM BUILDINGS - CONSTRUCTION OF EXTERIOR WALLS										T 3.2.3.1. -C	
	WALL	AREA OF EBF (m ²)	LD (m)	L/H or H/L	PERMITTED MAX % OF OPENINGS	PROPOSED % OF OPENINGS	FRR (HOURS)	LISTED DESIGN OR DESCRIPTION	COMBUSTIBLE CONSTRUCTION	COMB. CONSTR. NON-COMB CLADDING		NON-COMB CONSTR.
	NORTH											
	SOUTH											
	EAST											
28	ALTERNATIVE SOLUTIONS										[A] 1.2.1.1. & [C] 2.1.	